

In re: Jacob Olrik, et al.  
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Amendments to the Claims:

1. (currently amended) A method of providing a location finding service to mobile stations in a cellular telecommunications network, comprising:

    sending a request for location finding information from a mobile station as a message through the network to a location message server;

    retrieving data from a data store corresponding to the location finding information based on the cell occupied by at least one mobile station; and

    sending the data through the network from the location message server as a message to the mobile station that requested the location finding information; and wherein

    the method being is performed is without pre-registering the mobile station for the location finding service.

2. (original) A method according to claim 1 wherein the request from the mobile station is for information concerning its own location, and the method includes sending the retrieved data to the mobile station that made the request.

3. (original) A method according to claim 1 wherein the request from the mobile station is for data concerning the location of another mobile station, and the method includes retrieving location data from the data store based on the cell occupied by the other mobile station, and sending the retrieved data concerning the other mobile station to the mobile station that made the request.

4. (original) A method according to claim 1 wherein the request from the mobile station is for data concerning the location of another mobile station, and the method includes checking whether the other mobile station permits data concerning its location to be sent to others.

5. (previously presented) A method according to claim 1 wherein the request from the mobile station is for data concerning the location of another mobile station, and the method includes sending location finding information from the other mobile station to the mobile station that made the request.

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6. (previously presented) A method according to claim 1 including re-directing the message from the mobile station that requested the location finding information, to another mobile station.

7. (previously presented) A method according to claim 6 including displaying the message at the mobile station that requested the location finding information, modifying the message and then re-directing the modified message to another mobile station.

8. (previously presented) A cellular telecommunications network with a location finding service, comprising a location server having an associated data store of data concerning location finding information associated with individual cells of the network, the server being responsive to a request for the location finding information from a mobile station sent as a message through the network and operable to derive data from the data store corresponding to the location finding information based on the cell occupied by at least one mobile station, the network being configured to send the data as a message to the mobile station that requested the location finding information, without preregistering the mobile station for the location finding service.

9. (previously presented) A network according to claim 8 including an SMS message center to receive location finding request messages from the mobile stations, to send the requests to the server and to receive retrieved data from the server to be sent as an SMS to a mobile station.

10. (original) A mobile station configured to communicate with a network to perform the method claimed in claim 1.

11. (original) A mobile telecommunications network configured to perform the method claimed in claim 1.

12. (currently amended) A method of operating a mobile station to receive location information from a location finding service in a cellular telecommunications network, comprising:

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sending a request for location finding information from a mobile station as a message through the network to a location message server; and

receiving from the location message server, a message containing the location finding information based on the cell occupied by at least one mobile station; and wherein

the method ~~being~~ is performed ~~is~~ without pre-registering the mobile station for the location finding service.

13. (previously presented) A mobile station for receiving location finding information from a location finding service in a cellular telecommunications network, comprising:

circuitry operable to send a request for location finding information from a mobile station as a message through the network to a location message server; and

circuitry operable to receive from the location message server, a message containing location finding information based on the cell occupied by at least one mobile station; and wherein

provision of the location finding information being made without pre-registering the mobile station with the location finding service.

14. (original) A mobile station according to claim 13 including a display operable to display the message.

15. (original) A mobile station according to claim 14 including circuitry operable to send the received message to another mobile station.

Claims 16-19 (cancelled).